

ions, and aluminum ions in the surface layer 27 are less than that in the inner portion 26. As for silicon ions ( $\text{Si}^{4+}$ ) derived from silicon oxide, the number of ions is the same in the inner portion 26 and the surface layer 27. Accordingly, the content of silicon oxides in the surface layer 27 is relatively increased with respect to the inner portion 26 by the decrease of  $\text{Ca}^{2+}$ ,  $\text{Mg}^{2+}$ , and  $\text{Al}^{3+}$ .--

Please amend the abstract as follows:

--~~The present invention provides an efficient~~ A method for manufacturing a glass substrate ~~(2)~~ having a ~~texture (23)~~ ~~formed by~~ projections ~~(24)~~ of the same height. The method includes forming ~~(S14)~~ a surface layer ~~(27)~~ having a decreased chemical resistance on a glass plate ~~(21a)~~, forming ~~(S15)~~ a texture including a plurality of projections having upper portions included in the surface layer, and selectively removing ~~(S16)~~ the surface layer.--

#### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### **Listing of Claims:**

1. (Currently amended) A method for manufacturing a glass substrate ~~(21)~~ for an information recording medium, the manufacturing method comprising ~~being characterized by:~~

forming ~~(S14)~~ a surface layer ~~(27)~~ on a surface ~~(22)~~ of a disk-shaped glass plate ~~(21a)~~ having a predetermined composition and a predetermined chemical resistance, with the surface layer having a composition differing from the predetermined composition and a chemical resistance that is